

ESIF Workshop

“Visualization of Electric Power System Information”

Tuesday September 11, 2012

National Renewable Energy Laboratory

Research Support Facility Room X320

8:00	Coffee and breakfast	
8:30	Introduction and Roundtable	All
8:45	Energy Systems Integration Facility	Ben Kroposki
9:15	New visualization enhancements on the Xcel trading floor	Annie Rhoads, Xcel
9:40	PNNL Experiences – Visualization and Decision Support for the Power System	Dennis Stiles, PNNL
10:05	New needs for visualization: Bulk power transmission system	Erik Ela, NREL
10:25	New needs for visualization: Distribution system	Josh Hambrick, NREL
10:45	Break	
11:00	Roundtable Discussion – Why is there a need for research and enhancement to visualization needs for power systems: <ul style="list-style-type: none">• Where are the current visualization systems lacking?• What issues can come about from lack of visualization?• What are the needs of an evolving power system?	All
12:30	Lunch	
1:30	Roundtable Discussion – What are the important issues and why: <ul style="list-style-type: none">• What are the priorities?• Any low hanging fruit?• Justification of priorities	All

3:00	Break	
3:15	Develop next steps on prioritized issues: <ul style="list-style-type: none"> • Technical approaches • Roles (lab, utility, vendors, etc.) • Current opportunities • Partnership opportunities • Funding opportunities 	All
3:45 – 5:00	ESIF Tour	